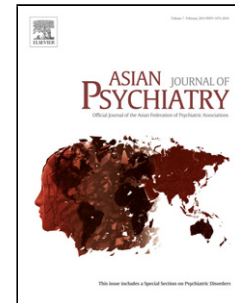


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Authors: Nagwa Abdel Meguid, Neveen Hassan Nashaat, Heba S. Hashem, Mai M. Khalil



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## **Frequency of Risk Factors and Coexisting Abnormalities in a Population of Egyptian Children with Autism Spectrum Disorder**

Nagwa Abdel Meguid<sup>1,2</sup>, Neveen Hassan Nashaat<sup>1</sup>, Heba S Hashem<sup>1</sup>,

Mai M Khalil <sup>1</sup>

<sup>1</sup> Research on Children with Special Needs Department, Medical research division, National Research Centre, Cairo, Egypt.

<sup>2</sup> CONEM Egypt Child Brain Research Group, National Research Centre, Cairo, Egypt

### **Highlights:**

- Caesarian section and neonatal jaundice were the most common risk factors among the studied Egyptian ASD population.
- Developmental language disorder, intellectual disability, and attention deficit hyperactivity disorder were the most common coexisting disorders.
- The coexisting abnormalities have an impact on the severity of ASD especially on the emotional response, body use and communication abilities.

### **Abstract:**

**Background:** Many risk factors interact together during the critical period of development and govern the future phenotype of autism spectrum disorder (ASD). Furthermore, co-occurring abnormalities among individuals with ASD vary a lot so as their abilities.

**Aim of work:** to investigate possible risk factors and to determine the prevalence of coexisting abnormalities in a sample of Egyptian ASD children and their influence on the severity and their communication performance.

**Methods:** The diagnosis and severity of ASD for participants (N=80) was performed by DSM-5, ADIR and CARS. They were investigated regarding the possible risk factors and coexisting abnormalities. A detailed history taking, clinical examination,

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